

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 2    | ("5828954").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/01<br>17:29 |
| S2    | 856  | 370/315.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/01<br>17:31 |
| S3    | 16   | ("4521918"  <br>"4566133"  <br>"4590615"  <br>"5249233"  <br>"5260972"  <br>"5406586"  <br>"5557640").PN.<br>OR ("5828954").<br>URPN. | US-PGPUB;<br>USPAT; USOCR                               | ADJ              | ON      | 2010/02/01<br>17:34 |
| S4    | 139  | (pilot or training<br>or synch\$6) same<br>filter\$3 same up<br>\$1saml\$4 and (I<br>or in\$1phase or Q<br>or quadraure)              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/01<br>19:05 |
| S5    | 856  | 370/315.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/01<br>19:05 |
| S6    | 1    | S4 and S5   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/01<br>19:05 |
| S7    | 9    | S4 and (repeater<br>or gap\$1filer)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2010/02/01<br>19:07 |

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| S8  | 12     | ("5737361"  <br>"5930299"  <br>"6128539"  <br>"6603804"  <br>"6618443").PN.                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/01<br>19:15 |
| S9  | 1      | "10586825"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/01<br>19:33 |
| S10 | 308    | (equi\$1ripple or<br>SRRC) near2 filter   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/01<br>20:44 |
| S11 | 674    | (equi\$1ripple or<br>SRRC or (square<br>root raised<br>cosine)) near2<br>filter                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/01<br>20:44 |
| S12 | 4104   | (equi\$1ripple or<br>SRRC or (square<br>root raised<br>cosine)) near2<br>filter or (window<br>\$3 method) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/01<br>20:45 |
| S13 | 2      | S12 and S5  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/01<br>20:45 |
| S14 | 90     | equi\$1ripple filter  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>10:11 |
| S15 | 477    | SRRC or (square<br>root raised cosine)<br>filter  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>10:12 |
| S17 | 172769 | "455"/\$  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>10:14 |

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| S18 | 8   | S14 and ("455"/\$ or "377"/\$)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>10:14 |
| S19 | 105 | S15 and ("455"/\$ or "377"/\$)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>10:15 |
| S20 | 615 | (equi\$1ripple or chebyshev or Parks-McOellan or Elliptic rational functions) filter              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>10:20 |
| S21 | 75  | S20 and ("455"/\$ or "377"/\$)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>10:20 |
| S22 | 857 | 370/315.ocls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>10:24 |
| S25 | 61  | digital and S21   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>10:37 |
| S26 | 12  | window and S25  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>10:54 |
| S27 | 17  | (equi\$1ripple or chebyshev or Parks-McOellan or Elliptic rational functions) filter same window  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>11:20 |
| S28 | 37  | (equi\$1ripple or chebyshev or Parks-McOellan or Elliptic rational functions) filter same2 window | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>11:20 |

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| S29 | 4 | S28 and ("455"/\$<br>or "377"/\$) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2010/02/02<br>11:21 |
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**2/ 2/ 2010 3:00:34 PM****C:\Documents and Settings\qshen\My Documents\ EAST\ Workspaces\ 10586825.wsp**